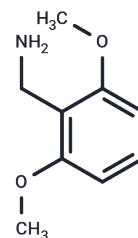


## 2,6-Dimethoxybenzylamine hydrochloride

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 34967-23-2  |
| Formula:          | C <sub>9</sub> H <sub>14</sub> ClNO <sub>2</sub>  |
| Molecular Weight: | 203.666   |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |

HCl



## Biological Description

|                            |  |
|----------------------------|--|
| Description                | 2,6-Dimethoxybenzylamine hydrochloride (Compound 5) exhibits reversible inhibitory activity against copper amine oxidase (CAO) and inhibits benzylamine oxidase (BAO) and monoamine oxidase B (MAO B) with IC <sub>50</sub> values of 120 μM and 190 μM, respectively. |
| Targets(IC <sub>50</sub> ) | Monoamine Oxidase  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg      |
|-------|-----------|------------|-----------|
| 1 mM  | 4.9099 mL | 24.5495 mL | 49.099 mL |
| 5 mM  | 0.982 mL  | 4.9099 mL  | 9.8198 mL |
| 10 mM | 0.491 mL  | 2.455 mL   | 4.9099 mL |
| 50 mM | 0.0982 mL | 0.491 mL   | 0.982 mL  |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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